



# PROPOSAL EVALUATION

## IRWM Grant Program – Local Groundwater Assistance, FY 2012-2013

<b>Applicant</b>	Tranquility Irrigation District	<b>County</b>	Fresno
<b>Project Title</b>	Groundwater Monitoring Wells Project	<b>Grant Request</b>	\$ 250,000.00
		<b>Total Project Cost</b>	\$ 255,209.00

**Project Description:** The Proposal constructs five monitoring wells including one nested monitoring well and three single monitoring wells to develop a dedicated groundwater monitoring program. Groundwater level data will be collected using newly installed data loggers in the proposed wells and data loggers installed in found existing wells.

### Evaluation Summary:

Scoring Criterion	Score
GWMP or Program	5
Technical Adequacy of Work to be Performed	5
Work Plan	10
Budget	4
Schedule	5
QA/QC	5
Past Performance	5
Geographical Balance	0
<b>Total Score</b>	<b>39</b>

- **GWMP or Program:** The Tranquility Irrigation District (TID) adopted their GWMP on July 21, 2009. TID submitted a copy of the board resolution No. 2009-05 adopting the GWMP, included as Exhibit 3.1. The GWMP satisfies GWMP requirements of Sections 10753 and 10795 of the California Water Code. The GWMP also addresses recommended components for a GWMP described in Appendix C of Department of Water Resources Bulletin 118 (2003 Update). A copy of the GWMP is included as Exhibit 3.2. The GWMP was developed in collaboration with the neighboring Fresno Slough Water District, and covers the entire area of both districts as shown in Figure 2 in Exhibit 3.2.
- **Technical Adequacy of Work to be Performed:** The criterion is fully addressed with thorough and well-presented documentation. The Project Description addresses all of the requirements in the PSP. The applicant's project description gives a very detailed description of the proposed project including the goals, the needed facilities (wells) and their proposed locations. The Applicant also cites the various public agencies they are collaborating with regarding groundwater management activities, and adequately describes the level of collaboration. The project description demonstrates the merit of this project and demonstrates that new knowledge would be gained by citing a number of needs for the project in section 4.4 and 4.5 of the Description. In section 4.6, the applicant does a good job of describing the future operation and maintenance needs of the project after completion and how, the Applicant will be able to absorb those costs in its existing groundwater management budget. The proposed monitoring well locations are shown on Exhibit 4.1. The applicant provides a TID annual groundwater management budget (Table 4.2 and supporting information) showing that the wells will continue to be used after the project ends by integrating the monitoring wells into annual operations.
- **Work Plan:** The criterion is fully addressed with thorough and well-presented documentation. The tasks in the Work Plan are detailed enough to serve as the scope of work for the agreement and show that the project is technically feasible. Project deliverables are clearly stated in Task 3 (Monitoring Well Construction) and Task 5 (Project Reporting). The Work Plan includes adequate detail on the proposed tasks, and is consistent with the Groundwater Management Program. The Work Plan adequately describes all of the following: monitoring well construction and monitoring, project deliverables, expected environmental documentation, required property access, and project information dissemination. The Work Plan is consistent with and supports the Budget and Schedule.



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- **Budget:** The criterion is addressed but is not supported but is not thoroughly documented. There is explanatory text and supporting information for the basis of the estimate including rationale for hourly rates and hours spent on tasks. The Task numbers were numbered consistently compared with the Schedule and the Work Plan. The budget is consistent with the Work Plan and Schedule. The major portion of the proposed Budget is due to expenses in the construction and development of the proposed monitoring wells. This cost is based on a subcontractor quote submitted as supporting documentation for the proposed work and appears reasonable. Not all lump sum amounts for subcontractor services are backed up with supporting sub-quotes, such as for the creation of a labor compliance plan (\$3,500) and surveying (\$1,360). Total cost for the project is \$255,209, and the \$5,209 will be contributed as cost share by the District. However, the grantee does not specify the tasks(s) that its cost share will cover.
- **Schedule:** The criterion is fully addressed with thorough and well-presented documentation. The schedule categories and subcategories are consistent with the Work Plan and Budget. The timeline from one task to the next flows logically. The description and rationale for the Schedule are presented and seem reasonable, with potential delays being accommodated. The schedule falls into the required 2- year time frame. The Schedule contains adequate detail. The Applicant addresses potential delays in the progress of the project by incorporating additional time to complete field work, and indicates that additional staff will be added if the project falls behind schedule. The Applicant indicates that they and the consultant are ready to start the project upon notice of grant award.
- **QA/QC:** The criterion is fully addressed with thorough and well-presented documentation. The applicant included adequate detail on specific objectives and the procedures they would follow to meet these objectives, including monitoring well construction, development, and sampling. Some of the documents are part of the GWMP, which was included with the application, and they are quite thorough. Personnel to work on the project were identified along with their accompanying credentials.
- **Past Performance:** The criterion is fully addressed with thorough and well-presented documentation. The applicant provides a summary of work successfully completed that was comparable to the proposal, and indicates that past the work was completed on time and on budget. The Applicant provides backup information, including summaries and final reports, documenting that the work was completed to the grantor agency's satisfaction.